

Converting Colors

Hex(6D29B1)

Have a look what the booklet for
Hex(6D29B1) contains.

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Color

Hex(6D29B1)

Conversions

Conversions Part 1

Format	Color
Hex	6D29B1
RGB	109, 41, 177
RGB Percent	43%, 16%, 69%
CMY	0.5725, 0.8392, 0.3059
CMYK	0.38, 0.77, 0.00, 0.31
HSL	270°, 62%, 43%
HSV	270°, 77%, 69%
XYZ	15.0354, 8.0114, 42.3489
YIQ	76.8360, -3.1280, 56.7120

Conversions

Conversions Part 2

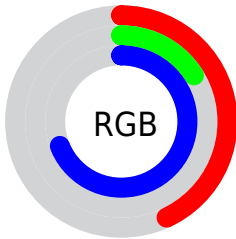
Format	Color
R_{YB}	109, 41, 177
Decimal	7154097
CIE _{Lab}	34.01, 54.87, -59.77
CIE _{LCh}	34, 81.137, 312.551
Yxy	8.0114, 0.2299, 0.1225
Android (android.graphics.Color)	4285344177 (0xFF6D29B1)
YUV	76.8360, 49.3809, 28.2078
Hunter-Lab	28.3044, 45.2871, -68.8961

Details

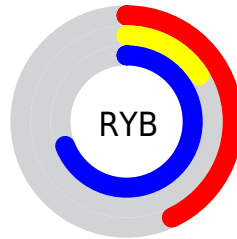
The Hex color **6D29B1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6DB129**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **A65EEA**, and **33007B** is the 20% darker color. If you saturate the color by 10%, you get **6417B1**, and if you desaturate by 10%, it is **763BB1**.

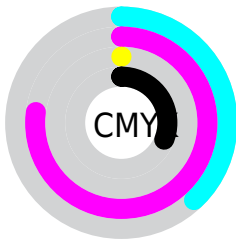
Distribution



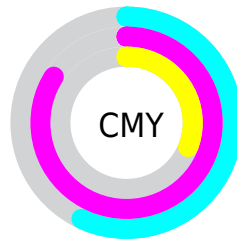
- Red (43%)
- Green (16%)
- Blue (69%)



- Red (43%)
- Yellow (16%)
- Blue (69%)



- Cyan (38%)
- Magenta (77%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (84%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D29B1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6D29B1 by changing the saturation by 10% instead.

6D29B1

6D29B1

FFFFFF

510896

A65EEA

33007B

C378FF

110061

E093FF

000049

FEAFFF

000431

FFCBFF

00011B

FFE8FF

000000

6D29B1

6D29B1

6417B1

763BB1

■ 5B06B1

■ 7F4CB1

■ 5900B1

■ 885EB1

■ 9070B1

■ 9982B1

■ A293B1

■ ABA5B1

■ B4B7B1

■ BDC8B1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0051D1



6D29B1



AB0078

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6D29B1



803E00



00686B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6D29B1



6DB129

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006625



6D29B1



4A5600

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6D29B1



A80000



006100



0068A8

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6D29B1



B8004E



006100



006754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6D29B1



CBB1E6



296DB1



635373



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6D29B1



7C12E6



B129B1



555059



4D0099



0D001A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B1296D



E6127C



29B129



595055



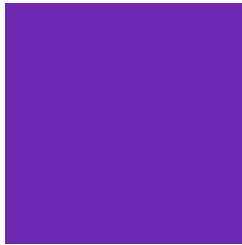
99004D



1A000D

Previews

White Background



This preview shows how the Hex color 6D29B1 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

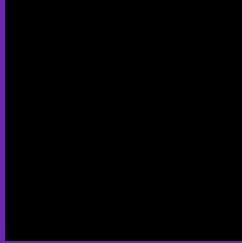
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D29B1 Background



This preview shows how black text looks on a background with the Hex color 6D29B1.



This preview shows how white text looks on a background with the Hex color 6D29B1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6D29B1

Protanopia
004EA4

Deuteranopia
00538E



Tritanopia
594D53

Trichromacy



Original Color
6D29B1



Protanomaly
2841A9



Deuteranomaly
28449B



Tritanomaly
604075

Monochromacy



Original Color
6D29B1



Achromatopsia
4D4D4D



Achromatomaly
594071

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D29B1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6D29B1 looks like.

```
.text, #text, p{  
    color:#6D29B1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6D29B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D29B1
}
```

Border

The CSS property to change the border of an element to Hex 6D29B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D29B1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6D29B1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6D29B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D29B1; -webkit-box-shadow:4px 4px  
4px 4px #6D29B1; box-shadow:4px 4px 4px  
4px #6D29B1 }
```

Background

The CSS property to change the background color of an element to Hex 6D29B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D29B1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6D29B1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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